

CLAIMS

1. A pharmaceutical composition comprising glimepiride and metformin or a pharmaceutically acceptable salts in amounts and weight ratio sufficient to provide a synergistic control of blood glucose levels in a patient with type 2 diabetes.
2. A pharmaceutical composition according to claim 1, wherein metformin or a pharmaceutically acceptable salt thereof is present in an amount between about 100 to 10,000 mg and glimepiride is present in an amount between about 0.1 and 20 mg.
3. A pharmaceutical composition according to claim 2, wherein glimepiride and metformin or a pharmaceutically acceptable salt thereof are present in amounts selected from the group consisting of 500 mg of metformin hydrochloride with 1 mg of glimepiride, 500 mg of metformin hydrochloride with 2 mg of glimepiride, 1000 mg of metformin hydrochloride with 2 mg of glimepiride, 1000 mg of metformin hydrochloride with 4 mg of glimepiride, and 500 mg of metformin hydrochloride with 4 mg of glimepiride.
4. A pharmaceutical composition according to claim 1, comprising 500 mg metformin hydrochloride, 1 mg glimepiride, and at least one excipient.
5. A pharmaceutical composition according to claim 1, comprising 500 mg metformin hydrochloride, 2 mg glimepiride, and at least one excipient.
6. A pharmaceutical composition according to claim 1 comprising 1000 mg metformin hydrochloride, 2 mg glimepiride, and at least one excipient.

7. A pharmaceutical composition according to claim 1 comprising to claim 1, comprising 1000 mg metformin hydrochloride, 4 mg glimepiride, and at least one excipient.
8. A method of controlling blood glucose levels in a patient with type 2 diabetes, comprising administering to said patient to synergistic combination of glimepiride and a pharmaceutically acceptable salt of metformin.
9. A method according to claim 8 wherein said salt is the hydrochloric acid salt of metformin.
10. A method according to claim 8, wherein glimepiride and a pharmaceutically acceptable salt of metformin are present in a weight ratio of about 2/500 or 1/500.
11. A method according to claim 10 comprising a combination selected from (a) 1 mg glimepiride and 500 mg metformin hydrochloride; (b) 2 mg glimepiride and 500 mg metformin hydrochloride; (c) 2 mg glimepiride and 1000 mg metformin hydrochloride; and (d) 4 mg glimepiride and 1000 mg methformin hydrochloride.